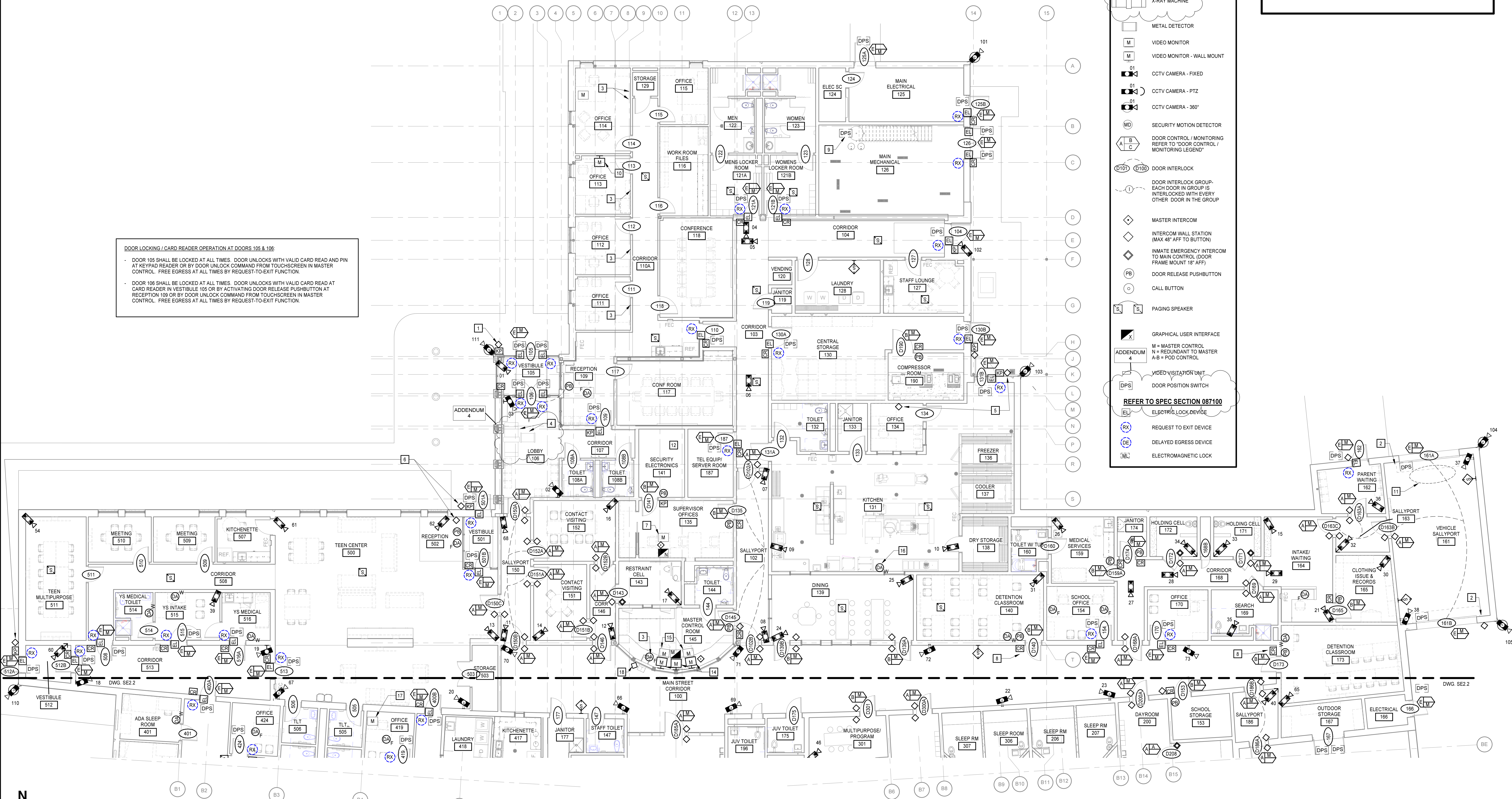


SECURITY SYSTEM FLOOR PLAN - PART A

1/8" = 1'-0"



DOOR LOCKING / CARD READER OPERATION AT DOORS 105 & 106

- DOOR 105 SHALL BE LOCKED AT ALL TIMES. DOOR UNLOCKS WITH VALID CARD READ AND PIN AT KEYPAD READER OR BY DOOR UNLOCK COMMAND FROM TOUCHSCREEN IN MASTER CONTROL. FREE EGRESS AT ALL TIMES BY REQUEST-TO-EXIT FUNCTION.
- DOOR 106 SHALL BE LOCKED AT ALL TIMES. DOOR UNLOCKS WITH VALID CARD READ AT CARD READER IN VESTIBULE 105 OR BY ACTIVATING DOOR RELEASE PUSHBUTTON AT RECEPTION 109 OR BY DOOR UNLOCK COMMAND FROM TOUCHSCREEN IN MASTER CONTROL. FREE EGRESS AT ALL TIMES BY REQUEST-TO-EXIT FUNCTION.

DOOR CONTROL / MONITORING LEGEND (NOT ALL SYMBOLS NECESSARILY USED)		
	8" JAMB MTD PNEUMATIC LOCK	-NOT USED-
	2" JAMB MTD PNEUMATIC LOCK	SWING GATE ELECTRONIC LOCK
	SWING DOOR MANUAL DETENTION LOCK	-NOT USED-
	-NOT USED-	-NOT USED-
	NON-DETENTION DOOR WITH INTERFACING TO SECURITY CONTROLS CONSOLE	-NOT USED-

GENERAL NOTES

- THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY AND GREATER QUANTITY OF WORK.
- ALL SECURITY DEVICES SHALL HOMERUNT TO SECURITY ELECTRONICS HEAD END ROOM.
- COORDINATE FINAL CAMERA HEIGHT AND LOCATION BASED ON NEEDS IN THE FIELD AND ACTUAL CAMERA MODELS BEING USED.

SECURITY SYSTEMS LEGEND  
(ALL SYMBOLS NOT NECESSARILY USED)

- PLC PROGRAMMABLE LOGIC CONTROLLER CABINET AND/OR RELAY CABINET
- SECURITY EQUIPMENT RACK
- DA W DURESS ALARM - WALL MTD 148" AFF MAX - COORD W/ OWNER EXACT MOUNTING HT)
- DA F DURESS ALARM - FURNITURE MOUNTED - COORDINATE WITH FURNITURE PROVIDER
- CR PROXIMITY CARD READER
- KP CARD READER AND KEYPAD
- GB GLASS BREAK SENSOR
- X-RAY MACHINE
- METAL DETECTOR
- M VIDEO MONITOR
- M VIDEO MONITOR - WALL MOUNT
- Q1 CCTV CAMERA - FIXED
- Q1 CCTV CAMERA - PTZ
- Q1 CCTV CAMERA - 360°
- MD SECURITY MOTION DETECTOR
- A B C DOOR CONTROL / MONITORING REFER TO "DOOR CONTROL / MONITORING LEGEND"
- D101 D102 DOOR INTERLOCK
- DOOR INTERLOCK GROUP - EACH DOOR IN GROUP IS INTERLOCKED WITH EVERY OTHER DOOR IN THE GROUP
- MASTER INTERCOM
- INTERCOM WALL STATION (MAX 48" AFF TO BUTTON)
- INITIATE EMERGENCY INTERCOM TO MAIN CONTROL (DOOR FRAME MOUNT 18" AFF)
- DOOR RELEASE PUSHBUTTON
- CALL BUTTON
- PAGING SPEAKER
- GRAPHICAL USER INTERFACE
- M = MASTER CONTROL  
N = REDUNDANT TO MASTER  
A-B = POD CONTROL
- VIDEO VISITATION UNIT
- DOOR POSITION SWITCH
- REFER TO SPEC SECTION 087100
- EL ELECTRIC LOCK DEVICE
- RX REQUEST TO EXIT DEVICE
- DE DELAYED EGRESS DEVICE
- ML ELECTROMAGNETIC LOCK

KEYNOTES

APPLIES TO DRAWINGS SE1.0-SE2.2  
REPRESENTED BY

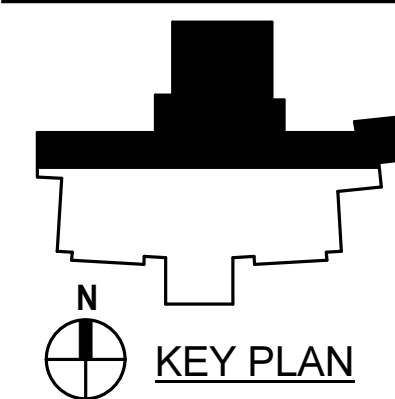
- INTERCOM STATION CALL-IN SHALL GO TO MASTER CONTROL.
- ROLL UP DOOR OVERRIDE SWITCH - REFER TO SPEC SECTION 083323
- PROVIDE ALARM PANEL TO ANNOUNCE WHEN MASTER CONTROL IS UNDER DURESS. PROVIDE SEPARATE RESET BUTTON IN OFFICE 114 TO ALLOW MASTER CONTROL TO REGAIN CONTROL.
- PROVIDE X-RAY AND WALK-THROUGH METAL DETECTOR.
- STAND ALONE VIDEO INTERCOM SYSTEM INTEGRATED WITH SECURITY CONTROL SYSTEM TO REQUEST DOOR UNLOCK OF DOORS 130B AND 131B FROM OFFICE 134.
- STAND ALONE VIDEO INTERCOM SYSTEM TO OPEN ENTRANCE DOORS 501A AND 512A.
- FULLY REDUNDANT MASTER CONTROL TOUCHSCREEN SYSTEM FOR USE AS BACKUP. CONFIRM WITH OWNER EXACT LOCATION IN ROOM.
- MASTER CONTROL TOUCHSCREEN SHALL HAVE A CLASSROOM LOCKDOWN FUNCTION WHICH WILL DISABLE THE CARD READER AND PUSH BUTTON FROM OPENING THE DOOR. ONLY THE MASTER CONTROL TOUCHSCREEN CAN CONTROL THE DOOR DURING A LOCKDOWN.
- PROVIDE DPS AT ROOF HATCH
- PROVIDE WALL MOUNTED 42" MONITOR FOR CCTV CLIENT STATION.
- PROVIDE LOOP DETECTOR TO SERVE AS A CALL IN BUTTON / REQUEST TO EXIT AT THE VEHICLE SALLYPORT EXIT AND AS AN INTERCOM CALL AT VEHICLE ENTRANCE.
- PROVIDE SPARE 4" CONDUIT BETWEEN ROOMS 141 AND 187.
- (NOT USED)
- 42" WALL MOUNT VIDEO MONITOR
- 22" VIDEO MONITOR
- PROVIDE SHROUD/FLIP COVER TO PROTECT DURESS BUTTON FROM ACCIDENTAL ACTIVATION
- PROVIDE CCTV CLIENT STATION FOR VIEWING OF SHELTER CAMERAS ONLY.
- LOCATE INTERCOM BELOW WINDOW FRAME

LOUDOUN COUNTY JUVENILE DETENTION  
CENTER  
42055 GOURLEY TRANSIT DRIVE  
LOUDOUN COUNTY, VIRGINIA

PROJECT NO.	DATE
481000	JULY 15, 2020
REVISIONS	DESCRIPTION
DATE	11/17/20
	ADDENDUM 4

SECURITY  
SYSTEM FLOOR  
PLAN - PART A

SE2.1



KEY PLAN

MOSELEYARCHITECTS

3200 NORFOLK STREET, RICHMOND, VA 23230  
PHONE (804) 794-7555 FAX (804) 355-5690  
MOSELEYARCHITECTS.COM